ROOF'G, WALL'G & ROOF PLUMB'G.

|⊅

INSTALLATION

ALL KUUT AND WALL CLADDING AND ASSOCIATED ACCESSORIES TO BE INSTALLED TO MANUFACTURERS WRITTEN INSTRUCTIONS AND TO RELEVANT AUSTRALIAN STANDARDS.

ROOF AND WALL CLADDING TO BE INSTALLED IN CONTINUOUS LENGTH LONG SHEETS, EXPANSION JOINTS TO BE PLACED AT CENTRES AS RECOMMENDED BY MANUFACTURER.

EXTEND ROOF SHEETS 50MM MINIMUM INTO GUTTERS AND TURN DOWN ENDS OF SHEETS.

ALL ROOF AND WALL SHEETING TO BE SCREWED DOWN INTO FINAL POSITION AS SOON AS POSSIBLE AFTER POSITIONING OF SHEETING, TEMPORARY FIXING OF ROOF SHEETING MUST BE MADE PERMANENT BEFORE END OF DAYS WORK.

INSULATION, SISALATION AND SAFETY MESH U INSTALL AS SPECIFIED INSULATION, SISALATION AND SAFETY MILD STEEL PURLINS PRIOR TO LAYING AND FIXING ROOF OR

SAFETY MESH TO BE FIXED TO RIDGE PURLIN AND PULLED TIGHT IN CONTINUOUS LENGTH FOR FULL SPAN OF ROOF, LAY SISALATION AND/OR INSULATION OVER SAFETY MESH IMMEDIATELY PRIOR TO LAYING ROOF SHEETS.

ENSURE SISALATION/INSULATION IS ADEQUATELY LAPPED WITH ADJACENT SHEETS TO PROVIDE A CONTINUOUS INSULATION BARRIER TO THE FULL EXTENT OF ROOF, ENSURE INSULATION IS CONTINUED UNDER BOX GUTTERS AND FIXED IN POSITION. CHECK ALL INTERNAL EXPOSED SURFACES OF NT OF ROOF. ENSURE INSULATION IS CONTINUED UNDER IXED IN POSITION. CHECK ALL INTERNAL EXPOSED SURI

WALLS TO OFFICE AREA (INCLUDING EXTERNAL WALLS) ARE TO HAVE A MINIMUM R1.8 VALUE. THE ROOF IS TO ACHIEVE A MINIMUM R3.2 VALUE AND SUSPENDED FLOOR IS TO HAVE A MINIMUM R1.5 VALUE.

ROOF LIGHTS

DE ROOF LIGHTS TO POSITIONS AS INDICATED ON AWINGS, ENSURE ROOF LIGHTS EXTEND TO FULL EXTENT ARE ADEQUATELY FLASHED AT RIDGE, SEAL ALL HTS WITH TWO BEADS OF APPROVED SILICON TO ACTION BETWEEN SHEETS.

RIDGE

SE VENTS AS SPECIFIED ON ARCHITECTURAL I BIRD PROOF MESH INSERTS AND STORM MATCH FINISH OF ADJACENT ROOF, ENSURE T OF VENT AS SPECIFIED.

RAINWATER GOODS

GUTTERS AS SHOWN ON ARCHITECTURAL

GUTTERS SHALL BE SUPPLIED IN LONG LENGTHS WITH ANY JOINTS TO BE AT THE HIGH POINT OF THE GUTTER, ENSURE ALL JOINTS ARE ADEQUATELY LAPPED AND SEALED TP PREVENT LEAKS.

EAVES GUTTERS TO HAVE GUTTER BRACKETS OF MATCHING MATERIAL 600MM CENTRES. BOX GUTTERS ARE TO BE SUPPORTED WITH "SPANDEK" ZINCALUME GUTTER BOARDS AND GALVANISED PROPRIETORY GUTTER STRAPS AT CENTRES SUFFICIENT TO SUPPORT GUTTER AND IMPOSED LIVE LOADS.

ALL SILICON ON EXPOSED GUTTERS OR RAINWATER GOODS TO BE PAINTABLE GRADE SILICON.

PROVIDE OVERFLOW POPS OF SUFFICIENT SIZE AND NUMBER TO PREVENT GUTTERS FROM OVERFLOWING IN THE EVENT OF A BLOCKAGE.

A.6 FLASHINGS, CAPPINGS AND FOOTMOULDS

OF AND WALL CLADDING, ENSURE SUFFICIENT COVER TO ALL SURFACES PREVENT THE INGRESS OF WATER, DUST OR VERMIN.

VISIBLE FLASHINGS, CAPPINGS OR FOOTMOULDS TO BE FABRICATED IN MATERIAL MATCHING ADJACENT CLADDING. FLASHINGS ETC. TO BE INSTALLED IN CONTINUOUS LONG LENGTHS. ALL JOINTS TO BE LAPPED AND EFFECTED NEATLY.

)N-VISIBLE FLASHINGS ETC. ARE TO BE FABRICATED FROM ZINCALUME HEETING, SUPPLIED IN CONTINUOUS LONG LENGTHS AND INSTALLED

PROVIDE COLORBOND FOOTMOULDS TO THE BASE OF ALL WALL CLADDING FIXED TO TOP OF PRE-CAST DADO PANELS/EDGE OF FLOOR SLAB. INSTALL FOOTMOULD TRUE AND STRAIGHT, ENSURE FOOTMOULD IS NOT TWISTED DURING INSTALLATION.

ROOF PENETRATIONS

STALL UNDERFLASHINGS WHERE DIRECTED . AND MECHANICAL DRAWINGS. ENSURE UPTURN TO ALLOW OVERFLASHINGS TO BE

UK AS SHOWN ON ARCHITECTURAL I UNDERFLASHING HAS SUFFICIENT UP SECURELY FIXED IN FINAL POSITION.

USE A SUFFICIENCY OF SILICON SEALANT TO ENSURE UNDERFLASHING PROVIDES A WATERPROOF SEAL.

GENERAL ROOFING NOTES

A.8

ALL DP SIZES AS PER CIVIL DWGS

INTERNAL DP'S TO BE UPVC AND EXTERNAL DP'S TO BE COLORBOND UNLESS NOTED OTHERWISE. ALL OVERFLOWS TO BE 150MM DIA UNLESS NOTED OTHERWISE

BOX GUTTER EXPANSION JOINTS PROPRIETORY SYSTEM POLYURETHANE RUBBER WITH ZINCALUME COVER PLATES

WAREHO!!

HOUSE

D.2

WET AREA

REFER TO CIVIL DRAWINGS FOR STORM WATER DRAINAGE DESIGN

	<u>LEGEND</u>
• DP	150DIA DOWNPIPE
• DP1	150DIA DOWNPIPE CONNECTED TO 250X90X45 SPREADER
■ PIT	PIT TO CIVIL DETAILS

PRE-CAST CONCRETE

DESIGN CRITERIA

GN AND DETAIL THE PRE-CAST CONCRETE DANCE WITH THE STRUCTURAL ENGINEER'S CONFIGURATIONS AS SHOWN ON THE

D.2

<u>DOORS</u>

VINYL SKIRTING TO AREAS THAT HAVE HAD VINYL FLOORING LAID UNLESS NOTED OTHERWISE.

CERAMIC SKIRTING TO OFFICE AMENITIES. (NO COVE TILES)

100mm PREFINISHED MASONITE SKIRTING TO OFFICE, LAB & AMENITIES PARTITIONS.

AT ALL EX

TERNAL DOORS PROVIDE THRESHOLD HEIGHT OF 190MM MAX

ALL DOORS ARE TO HAVE A MIN DOOR LEAF OF 920mm WITH MINIM OPENING OF 850mm. ENTRY DOUBLE DOORS MUST EACH BE 920mm

FORMWORK FOR CASTING OF PRE-CAST ELEMENTS SHALL BE SMOOTH, FREE OF RUST OR OTHER DELETERIOUS MATERIALS AND PROVIDE A UNIFORM FABRICATION OF PRE-CAST ELEMENTS SUBMIT 3 COPIES OF SHOP OR APPROVAL. SHOP DETAILS SHALL BE PREPARED BY A IT SHOP DETAILER AND SHOW ALL DIMENSIONS AND COMPONENTS

B.**4** 2 FINISH TO THE FORMED SURFACES. REINFORCED CONCRETE

CAST IN ITEMS DRAWINGS AND APPROVED SHOP DETAILS, ENSURE SUFFICIENT AINTAINED TO REINFORCED CONCRETE AS DETAILED. ORCED CONCRETE AS INDICATED ON

ALL ITEMS AS SPECIFIED IN POSITIONS AS DIMENSIONED INCLUDING LIMITED TO, ALL LIFTING INSERTS, TEMPORARY BRACE

OOR AND WINDOW FRAMES, GROUT TUBES AND PENETRATIONS, CAST IN ATES AND FERRULES.

UNLESS OTHERWISE SPECIFIED ALL CAST IN ITEMS SHALL BE GALVANISED OR HAVE AN APPROVED FINISH PROHIBITIVE TO RUSTING OR STAINING.

THE COMPOSITION OF ALL CONCRETE SHALL BE SUCH AS TO PROVIDE THE REQUIRED STRENGTH/GRADE AS INDICATED ON THE ENGINEER'S DRAWINGS CONCRETE

DOORS TO

PROVIDE LIFT OFF HINGES TO ALL WC DOORS WHERE DISTANCE BETWEEN PAN & DOOR IS LESS THAN 1.2M (F2.5 OF BCA)

disabled ramp detail

AMENITIES TO UNDER CUT BY 40MM OR PROVIDE DOOR GRILLES _ATION.

READY MIXED CONCRETE SHALL COMPLY WITH S.A.A. CODE AS1379-1991 (THE SPECIFICATION AND MANUFACTURE OF CONCRETE)

FINISHES TO FORMED SURFACES

ERECTION/PLACING

RE TO BE ERECTED/PLACED IN ACCORDANCE WITH AFE WORK PRACTICES FOR THE ERECTION/PLACING

ENSURE MIN

NIMUM 110MM HINGE SIDE CLEARANCE IS PROVIDED EXTERNALLY TRY DOOR.

NOTE:-PROVIDE ALL GL/

SITE MEASURE PRIOR TO MANUFACTURE ZING / POWDER COAT

DOOR TYPES

TAL CLAD SOLID ESCAPE DOOR,PAINT FINISH

ALL EXIT DOORS TO BE OPENABLE FROM INSIDE WITHOUT THE USE OF A KEY BY A SINGLE HANDED DOWNWARD MOTION. LATCHING DEVICE TO BE LOCATED BETWEEN 900-1100MM FROM FINISHED FLOOR LEVEL.

PROVIDE SELF CLOSERS TO AIRLOCK DOORS OF AMENITIES AND ANY FIRE RATED DOOR. DO NOT PROVIDE SELF CLOSERS TO DISABLED WC.

THE CONTRACTOR SHALL ACCURATELY SET OUT ON SITE THE WORKS PRIOR TO PLACING ELEMENTS AND PERFORM ANY PREPARATION WORK REQUIRED THIS INCLUDES BUT IS NOT LIMITED TO DRILLING DOWEL HOLES AND PLACING DOWELS, PLACING PACKING SHIMS, SITE WELDING CONNECTION CLEATS AND PLACING FITMENTS TO ELEMENTS.

PLACE AND FIX ALL TEMPORARY SUPPORTS IN SUCH A MANNER TO HOLD THE ELEMENT IN POSITION SAFELY UNTIL FINAL CONNECTION ARE COMPLETED.

UPON COMPLETION OF ERECTION/PLACING THE CONTRACTOR SHALL CHECK ALL ELEMENTS FOR CORRECT ALIGNMENT AND PLUMBNESS, ADJUST ANY ELEMENTS AS REQUIRED.

MDF FACED SEMI SOLID DOOR, PAINT FINISH
ROLLER SHUTTER DOOR
ALUMINIUM FRAMED GLAZED DOOR, PC FINISH
LAMINATED / VINYL CLAD PARTITION DOOR
AUTOMATIC GLAZED SLIDING DOOR, PC FRAME
TIMBER SOLID CORE DOOR, PAINT FINISH
GALV. CHAIN WIRE MESH GATE
FIRE RATED DOOR TO BCA REQUIREMENTS

B.9 GROUTING/CAULKING

CLEANING DOWN POSITION OF ELEMENTS BY SITE MANAGER THE ALL ELEMENTS AS NOTED O STRUCTURAL JOINTS BETWEEN ELEMENTS AS REQUIRED.

CLEAN DOWN ALL PRE-CAST ELEMENTS FINALLY, REMOVE ALL MARKS AND BLEMISHES FROM SURFACES OF ELEMENTS.

PANEL FIRE RATING

CONCRETE PANELS BOUNDING AREAS THAT ARE LOCATED WITHIN 3m OF THE BOUNDARY REQUIRE A 240 / 240 / 240 FIRE RATING. REFER TO ENGINEERS DRAWINGS.

-CLOSER,DORMA
-HANDLES,DALCO 1231 (CRANKED D PULL)
-FLUSH BOLTS,NOVA NH 75 202-300 BOTTOM
-FLUSH BOLTS,NOVA NH 75 202-450 TOP
NOVA NH 75 202-300 BOTTOM
(CONCEALED IN EDGE OF DOOR)

ALUMINIUM DOOR HARDWARE

PLUMBING

CONNECT TO EXISTING DRAINAGE SYSTEM

CARRY OUT THE EXCAVATION NECESSARY TO LOCATE AND EXPOSE THE CONNECTION POINT. ON COMPLETION REINSTATE THE SURFACES AND ELEMENTS WHICH HAVE BEEN DISTURBED SUCH AS ROADS, PAVEMENTS, KERBS, FOOTPATHS AND NATURE STRIPS.

UPGRADING TO THE EXISTING DRAINAGE SYSTEM DOWNSTREAM OF THE CONNECTION POINT UNLESS OTHERWISE NOTED IS NOT PART OF THIS CONTRACT.

CARPENTRY

FRAME TYPE

FLOOR, WALL FINISHES

FLOOR, WAI FLUX AND I FLAME AND OF THE BCA L AND CEILING LININGS TO COMPLY WITH CRITICAL RADIANT 1ATERIAL GROUPING REQUIREMENTS RATHER THAN SPREAD OF SMOKE DEVELOPED INDICES IN ACCORDANCE WITH SPEC. C1.10a

CERAMIC SI KITCHEN AF KIRTING TILE TO UNISEX ACCESSIBLE TOILET FACILITY AND REA.

S ARE TO BE CONSTRUCTED IN ACCORDANCE WITH AS 3740-2004

- ALOFINIUM, POWDER COAT FINISH
MS/GALV-MILD STEEL GALVANIZED FINISH
PM-PRESSED METAL DC=DOOR CLOSER LS=LOCK SET

PPP=STAINLESS STEEL PUSH PULL PLATE HODC=HOLD OPEN DOOR CLOSER IB=INDICATOR BOLT

VP=600Hx300W GLAZED VIEWING PANEL DAC=DELAYED ACTION CLOSER

CERAMIC SKIRTING TO WAREHOUSE AMENITIES (INC CLEANERS)(NO COVETILE)

PRE FINISH MASONITE SKIRTING TO OFFICE AREAS IN WAREHOUSE

VINYL SKIRTING TO AREA WHERE VINYL FLOORING HAS BEEN LAID UNLESS NOTED OTHERWISE.

EXIT DOORS SHOULD BE OPERABLE BY A SINGLE HANDED DOWNWARD ACTION WITHOUT THE USE OF A KEY AT ALL TIMES

PROVIDE DOOR STOP TO ALL OFFICE DOORS
PROVIDE SATIN CHROME LOCKWOOD OR SIMILAR LEVER FURNITURE WITH
KEY LOCKING AS REQUIRED TO THE OFFICES
PROVIDE SATIN CHROME ESCAPE LEVERS INTERNALLY AND KEY IN HANDLE
EXTERNALLY WITH GUARD PLATE TO WAREHOUSE DOORS INCLUDING
RESTRICTING CHAIN TO THE TOP, UNLESS NOTED OTHERWISE.

CARPENTRY (CONT.)

SYMBOL LEGEND

ST=STENCIL CONCRETE PC=POLISHED CONCRETE

DP=DOWNPIPE

SV=SHEET VINYL
VT=VINYL TILES
CAT=CARPET TILES
CT=CERAMIC TILES
CS=CLEANERS SINK
HWS=HOT WATER SERVICE
LBT=LAMINATED BENCH TOP
LV=LAMINATED VANITY WHU=WALL HUNG URINAL FW=FLOOR WASTE

DHB=DISABLED HAND BASIN
WHB=WALL HUNG BASIN
LC=LAMINATED CUPBOARD
BWU=BOILING WATER UNIT
FH=FIRE HYDRANT

EJ=BOX GUTTER EXPANSION JOINT MR=MIRROR R=HOSE REEL)L=BOLLARDS

GMFL=GROUND MOUNTED FLOOD LIGHT WITH SECURITY CAGE
WMFL=WALL MOUNTED FLOOD LIGHT
BL=BOLLARD LIGHTS
PMFL=POLE MOUNTED FLOOD LIGHT
DSPB=DIRECT STICK PLASTERBOARD

INTERNAL WALL TYPES

WTJ-PLASTERBOARD LINED STUD WALLS TO UNDERSIDE OF CEILING

LINED.

WT3]=WALLS TO EXTEND UP TO UNDERSIDE OF FLOOR OR ROOF OVER. P/BOARD VT3]=WALLS TO EXTEND UP TO UNDERSIDE OF ROOF TRUSS OR ROOF OVER WITH SOMM ACOUSTIC INSULATION BLANKET, FIRST FLOOR DIVIDING AMENITY WALLS TO EXTEND 300 ABOVE THE CEILING LEVEL WITH AN INSULATION BLANKET TO THE COMPLETE CEILING

BCA COMPLIANCE

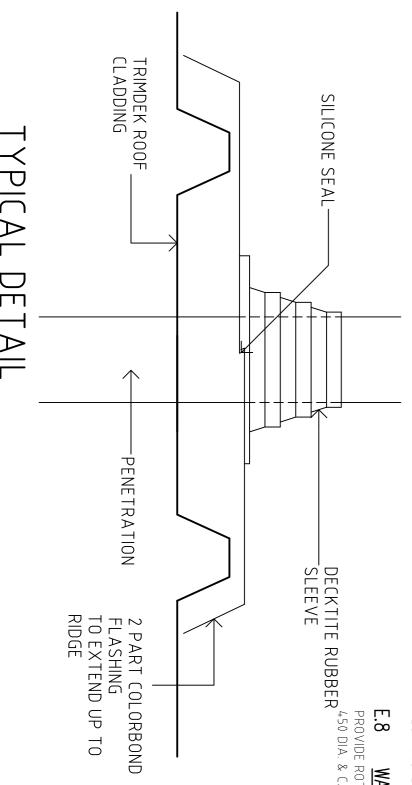
E.7 <u>OFFICE</u> COMPLETION OF ALL WORKS PROVIDE A ALL WORKS CONFORMS TO THE AUSTRALIAN CTIONS NOT THE BCA, SUBMIT THIS T MANAGER WITHIN 5 WORKING DAYS OF JIER IF REQUESTED.

WT6]=COLOURBOND CLADDING TO BOTH FACES OF WALL. PROVIDE COLOURBOND CAPPING TO TOP.

WT5)=WALLS TO EXTEND UP TO UNDERSIDE OF ROOF TRUSS OR ROOF OVER WITH 50MM ACOUSTIC INSULATION BLANKET.

REINFORCED CONCRETE PANELS WITH 15MM FOILBOARD.

WAREHOUSE / FACTORY



MECHANICAL

<u>AMENITIES</u>

E MECHANICAL VENTILATION IN ACCORDANCE TO AS.1668.2-1991 & OF BCA, VIA CEILING MOUNTED FAN MINIMUM 25 L/S PER CUBICAL TO EXTERNAL AIR THROUGH ROOF.

DENOTE 1X ELECTRIC EXHAUST FAN TO W.C ROOMS VENTILATION TO DISCHARGE TO OPEN AIR.

SUMMER: BULB (MAXIM PROVIDE DUCTED HEATING AND AIR-CONDITIONING TO OFFICE TO CONFORM WITH THE FOLLOWING DESIGN CRITERIA. AMBIENT CONDITIONS WILL NOT EXCEED: 35°C DRY BULB UM)

WINTER: 4°C DRY BULB

THE SYSTEMS 1S SHALL BE DESIGNED TO PROVIDE THE FOLLOWING INDOOR AT THE IMMEDIATE LOCATION OF THE CONTROLLING SENSORS 22°C DRY BULI 22°C DRY BULI +/- 1.5°C DRY BULB +/- 1.5°C DRY BULB

OVERFLOW SIZE TO MATCH DP'S

COLORBOND RAINHEAD

600

ALL GLAZING TO THE OFFICE AREAS TO BE 6MM GREY TINT WITH A SHADING FACTOR OF 0.58, THE ROOF TO THE OFFICE WILL BE INSULATED WITH A MINIMUM OF 50MM PINTICON.

OUTSIDE AIR ALLOWANCES ARE TO BE BASED ON CURRENT REQUIREMENTS AS DETAILED IN AS1668.2

OFFICE AREAS MEETING ROOMS LUNCHROOMS 10 L/S PER PERSON 15 L/S PER PERSON 10 L/S PER PERSON

HEAT GENERATED BY LIGHTING AND MISCELLANEOUS OFFICE EQUIPMENT TO BE ASSUMED AT 20 WATTS PER SQUARE METRE. TO OFFICES & 10 WATTS PER SQUARE NOTES.

OCCUPANCY LEVELS TO BE BASED ON NCC UNLESS NOTED OTHERWISE

NOISE RATINGS OF EQUAL TO OR LESS THAN 40 NCR.

ELEVATION SCALE 1:10

RAINHEAD DETAIL

300

PLANT PLATFORMS

SER/ GALVANISED MILD STEEL ROOF ROOF MOUNTED UNITS, UNLESS NOTED

DUCTWORK, SOLID AND FLEXIBLE

TWORK SHALL BE CONSTRUCTED FROM PLETE WITH INTERNAL ACOUSTIC TION OF GALVANISED SHEETMETAL

AND FLEXIBLE ALUMINIUM. METAL DUCTWORK WILL BE INSULATED

EXTERNALLY WITH 25MM THICK INSULATION WRAPPED IN ALUMINIUM FOIL WHILST FLEXIBLE DUCTWORK WILL BE INSULATED WITH 25MM INSULATION WRAPPED IN POLYTHENE.

MECHANICAL VENTILATION DUCTW CONSTRUCTED FROM A COMBINATI ROOF FLASHINGS AND PENETRATIONS DRK FOR EXHAUST SYSTEMS SHALL BE

Phone:-03 9314 0445 Mobile:-0411 696 128
Email:-caddco@bigpond.com
Postal Address:-P.O. Box 1051,Altona Meadows,

Architectural Drafting

RAY BUGEJA

MAINTENANCE AND WARRANTY

Ву

"HE CONTRACTOR SHALL PROVIDE HEATING AND MECHANICAL VENTIL AFTER PRACTICAL COMPLETION. MAINTENANCE TO ALL AIR CONDITIONING ATION FOR A PERIOD OF 12 MONTHS

THE CONTRACTOR SHALL PREPARE A FURTHER MAINTENANCE AGREEMENT FOR USE BY THE CLIENT AND SUBMIT TO THE PROJECT MANAGER UPON COMPLETION.

THE CONTRACTOR SHALL NAME THE CLIENT AS THE INTERESTED PARTY IN THE WARRANTY.

☐ PRELIMINARY

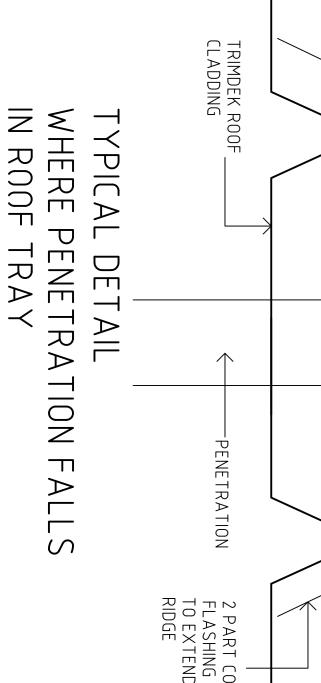
BUILDING PERMIT

☐ TOWN PLANNING ☐ CONSTRUCTION

GENERAL NOTES

TILATION TO BE PROVIDED TO OFFICE AREAS IN H BUILDING REGULATIONS AS1668.2 & PART J OF THE BCA C UNITS MOUNTED ON ROOF OR WALL. REFER TO WINGS FOR DETAILS.

PROVIDE ROTAPLEX F 450 DIA. & CAPACITY OF OUTLET VENTILATOR WITH A FLUE OF OR AS OTHERWISE NOTED.



BIRD PROOF MESH TO RAINHEADS

300

PLAN SCALE 1:10

RAINHEAD DETAIL

PROPOSED DEVELOPMENT AT:- 46 (lot 725) Ravenhall Way, **RAVENHALL**

REVISION NORTH POINT

SCALE AS LISTED JOB No. 016-2017 WD DRAWN

 \mathbb{R}

CHECKED

RB

SHEET No.

DATE

September 2018

All rights reserved. These drawings remain the property of C.A.D.D.C.O. and is only to be used for its commissioned purpose. No part of this document may be reproduced modified or transmitted in any form or by any means without the explicit written authority of C.A.D.D.C.O. Unauthorized use of this document in any form what so ever is prohibited

OTHER

5 |<u>0</u>

EXTINGUISHERS

STAIRS
IRS ARE TO COMPLY WITH AS1428 PART 1 CLAUSE 9.

TACTILE INDICATORS ARE TO BE TYPE 'B' INDICATORS AND BE A MIN. 300mm FROM THE STAIR AND NOT LESS THAN 600mm IN DEPTH IN ACCORDANCE WITH AS 1428.4.

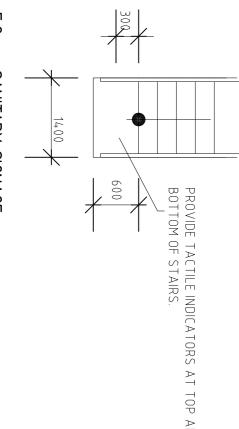
TREADS:- 250 MIN RISER:- 190 MAX. HANDRAIL:- 1020MM ABOVE LANDINGS AND 865MM ABOVE NOSING OF PROVIDE CLEAR 'STICK ON' 3M PRODUCT NON SKID STRIP NEAR EDGE OF NOSING OR AS OTHERWISE NOTED. .USTERS:- MAX 125MM SPACINGS, MIN DISTANCE BETWEEN TREADS OF MM.

STAFF AMENITIES -SUPPLY HAND HELD DRY CHEMICAL FIRE EXTINGUISHERS AS REQUIRED

1 NO.HAND 2.5KG DRY CHEMICAL HELD FIRE EXTINGUISHERS ADJACENT SWITCHBOARDS

WAREHOUSE -SUPPLY AND INSTALL EXTINGUISHERS AS REQUIRED IN WAREHOUSE.

EACH EXTINUISHER TO BE HUNG ON A SUITABLE HOOK. PROVIDE 2A 40 B (E) DRYCHEMICAL LOCATED 1500MM FROM ELEC. SWITCHBOARD.



SANITARY SIGNAGE

G.4

HOSE REELS

TO BE EQUIPPED WITH 36M LIVE HOSE INSTALLED AT A HEIGHT BETWEEN 1500-2400MM FROM FFL TO CENTRE OF REEL. 32MM DIA COPPER PIPE TO BE RUN TO SHUT OFF VALVE AT HOSEREEL.

G.3

 \bigoplus

9.0 KG WATER TYPE EXTINGUISHER

HOSE REEL

 \bigcirc

2.5KG DRY CHEM EXTINGUISHER

G.2

FIRE SERVICES SYMBOL LEGEND

SANITARY FACILITY MUST HAVE CLEAR AND LEGIBLE BRAILLE AND

E SIGNAGE COMPLYING WITH SPECIFICATION D3.6 OF BCA AND

3.1. THE SIGNS NEED TO BE LOCATED ON THE LATCH SIDE OF THE

DOOS (LEADING EDGE OF SIGN TO BE BETWEEN 50MM TO 300MM FROM

RCHITRAVE) AND THIS NEEDS TO BE LOCATED BETWEEN 1200 &

FIRE DOOR SIGNAGE

LANDSCAPE 'IRE DOORS – " FIRE DOOR. DO NOT OBSTRUCT. DO NOT KEEP GE TO BE IN CAPITAL 20MM LETTERING

CARPARKING SYMBOLS AND SIGNAGE

E SHOWN AS INDICATIVE ONLY. REFER TO LANDSCAPE DRAWINGS

DISABILITIES IN WHITE ON A GREEN (ULTRAMAYINE) BACKGROUND ON THE BAYS SURFACE AND TOTAL PARKING PERIMETER DELINEATED IN GREEN. KING

DISABLED CARPARKING SPACES TO BE 3600 X 4900 PROVIDE WHITE BITUMENOUS PAINT 75mm WIDE LINEMARKING TO ALL CAR SPACES AND BLUE LINEMARKING TO DISABELD AND DIRECTIONAL LINEMARKING AS REQUIRED

DISABILITY ACCESS

F.7 <u>GLAZING</u> MUST BE PROVIDED BY MEANS OF A CONTINUOUS CORDANCE WITH AS1428.1-2009. MAX PATH SLOPE ISE NOTED.

GLAZING TO COMPLY TO AS1288-2006. USE 125X50 COMMEREINFORCED CRETEIAL ALUMINIUM FRAMED SECTIONS. GLASS TO BE SUPPORTED AT EDGES. FOR DOORS AND SIDE PANELS USE 6MM TOUGHENED SAFETY .SS. MAX PANEL 4 SQM. ELSEWHERE USE 6MM ORDINARY ANNEALED .SS. MAX PANEL 0F 3.3SQM.

<u>INSULATION</u>

SUSPENDED CEILINGS REFICES

AND ALL WATER AND SEWER PIPES THAT ARE BACKING ONTO

SUPPORTING A GRID OF PRIMARY AND SECONDARY MEMBERS. ALL VISIBLE PARTS OF THE SUSPENSION SYSTEMS SHALL BE PRE-FINISHED TO MATCH THE SUSPENSION SYSTEM. 1S SHALL BE CAPABLE OF SUPPORTING THE CEILING AS WITH LIGHT FITTINGS AND CIREINFORCED

ALL WALL ANGLES TO BE SHADOW LINE TYPICAL. F.9 ENTRY DOOR MAT

RRUS ULTRA MAT OR SIMILAR CONSTRUCTED FROM NATURAL ALUMINIUM EAD, RAILS LIGHTLY FURROWED ON THE EXPOSED SURFACE TO OVIDE A NON-SKID SURFACE AND INCLUDE RUBBER SUPPORT CUSHIONS JUNTED ON BASE OF EACH TREAD TO COUNTER ANY MINOR SURFACE

F.10

BOLLARDS

BOLLARDS TO BE USED IN FRONT OF ROLLER DOORS OR WHERE INDICATED ON PLAN ARE TO BE 150 DIA. \times 1500MM HIGH CONCRETE FILLED DOME TOP.

⊱□

1 X 18 W WALL MOUNTED WEATHER FLUORO VANDALIGHT

Ogy

1 x 50 w Nebular Bollard Light

LIGHT SWITCH

XD X

DOUBLE G.P.O ABOVE BENCH TOP

ELECTRIC HAND DRYER

CEILING GRID SETOUT POINT

BLE G.P.O AT SKIRTING

O#

400 W HI BAY METAL HALIDE LIGHT FITTINGS

Ō

50W LOW VOLTAGE DOWNLIGHT LIGHT FITTINGS WITH SEALED LENSES

lacktriangle

60 W RECESSED DOWNLIGHT

2X36 W SURFACE MOUNTED FLUORO FITTING WITH WIRE GUARD

FIRE SERVICES / HYDRAULICS SITE S, **AFETY MEASURES**

I.1 METHOD OF DEMOLITION SHALL BE WORK/SAFETY

EXPLOSIVES SHALL BE PROJECT MANAGER. USED ONLY AFTER PRIOR APPROVAL FROM

ETY OF WORKERS AND OTHER PERSON OCCUPYING PARAMOUNT IMPORTANCE. SES SHALL NOT BE ALLOWED.

AT ALL TIMES THE SAFE THE SITE SHALL BE OF P UNSAFE WORK PRACTISE

TAKE DOWN AND REMOVE

SECTIONS OF BUILDINGS
BE TAKEN TO AVOID DAN
REMAIN. AND REMOVE CAREFULLY, MATERIALS OR NATED FOR PARTIAL DEMOLITION, ALL CARE TO TO SECTIONS OF EXISTING BUILDINGS TO

WHERE RE OTHER UN COMPONE 1.3 UNDERGROUND COMPONENTS VICES, PITS, WELLS AND JILDING, EXCAVATE THE

ONENT AND BACK RECOVERED MATERIALS

UNLESS OTHERWISE NO DEMOLITION REMAIN TH ALL RECOVERED MATERIALS FROM THE OPERTY OF ROSSITER CONSTRUCTION.

TEMPORARY AT SUCH TIMES AS THE CONSTRUCTION PROCESS WEATHERPROOFING OF THE EXISTING BUILDING **WEATHERPROOFING**

ALL FIRE SERVICE TO COMPLY TO BCA PART E1.4 TAPPING TO BE CONFIRMED BY FIRE SERVICES ENGINEER. FIRE SERVICES REQUIREMENTS

<u>|</u> 王 ELECTRICAL

三 ARTIFICAL LIGHTING PLY WITH AS 1680 AND ENERGY EFFICIENCY OF THE BCA.

H.2

EMERGEN EMERGENCY LIGHTING
TO BE AS PER ELECTRICAL ENGINEERS DRAWINGS

SWITCH BOARDS

RS DRAWINGS.FOR ALL MSB

LIGHTING LEGEND SYMBOL DESCRIPTION AND DB

≯ ↓ 8270 QS **M** ₹ *≯*∙ **⅓** FACTORY/WAREHOUSE
ILLUMINATED EXIT SIGN
CLEVERTRONICS MODEL EX5410E '5' SERIES
SURFACE MOUNTED 2700 AFL
OFFICE
ILLUMINATED EXIT SIGN
CLEVERTRONICS MODEL EX5410E '5' SERIES
SURFACE MOUNTED 2700 AFL BUILDING MOUNTED FLOOD LIGHT
GROUND MOUNTED FLOOD LIGHT
WALL MOUNTED DOCK FLOOD LIGHT
FACTORY/WAREHOUSE
CLEVERTRONICS EMERGENCY
LIGHT FITTING CLV 8170
CG-D80 DIRECTIONAL EXIT SIGN EQUIVALENT TO SUIT EXIT SIGN MODEL IN THE AREA OFFICE
CLEVERITRONICS EMERGENCY
LIGHT FITTING CLV 8117/8118
Co-C25 C90-C25 2700 ABOVE THE F.F.L 2X36 W RECESSED FLUORO FITTING K 12 DIFFUSERS 3 COMPARTMENT SKIRTING DUCT AINED/WEATHERPR
NG HEIGHT
NG HEIGHT
NG 7000
NZ2000 7000
NZ2000 8000
NZ23000 9000

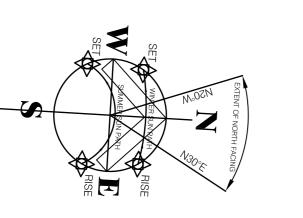
No 46 (Lot 725) 1500.15 sq.m Office over (first floor area) - less Loading bay area and stairs cars provided on site Proposed warehouse 2 Car space provided Car space required (1.5/100 sq.m + 2) - Car space provided -Warehouse 2 (inc. admin.) -Car space required (1.5/100 sq.m + 2) -Office over (first floor area) -Proposed warehouse 1 -Warehouse 1 (inc. admin.) less Loading bay area and stairs Total nett floor area: 397.49 sqm Total nett floor area: 367.99 sqm 330.59 sqm + 41.67sqm 300.75 sqm + 41.67sqm 59.76 sqm 27.36 sqm + 6.83 sqm 27.36 sqm + 6.83 sqm 13 1500.15 sqm 714.68 sqm 59.42 sqm

NOTE:Landscaping shown is indicative
only. Refer to landscapoe drawings
for further details.

Total Site Area -Total Build Area -

Total Site Coverage -

47.64%



I.6 ASBESTOS REMOVAL
SHOULD ASBESTOS BE ENCOUNTERED THAT HAD NOT BEEN PREVIOUSLY IDENTIFIED, MAKING SAFE OR REMOVING SAME SHALL FORM A VARIATION TO THE CONTRACT.
ALL ASBESTOS SHALL BE REMOVED BY AN AUTHORISED AND INSURED CONTRACTOR.

EXTERNAL TYPES USED

J.1 - 0.42BMT COLOURBOND TRIMDEK WALL CLADDING (NON VENTED TMOULD) OVER REINFORCED DADO CONCRETE PANEL.
T INTERNAL WALL SYSTEM AS PER ENGINEERS DETAILS WITH OURBOND CLADDING TO OUTERSIDE. . WALL

J.2 – 2700 HIGH REINFORCED CONCRETE DADO PANEL AS PER ENGINEERS AILS. - REINFORCED CONCRETE WALL PANELS AS PER ENGINEERS DETAILS

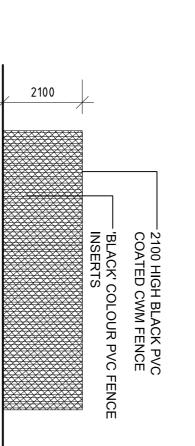
 $\mathsf{J.4}$ - GLAZED ALUMINIUM AND GLASS FACADE

CIVIL

REFER TO CIVIL ENGINEERS DRAWINGS FOR ALL DETAILS KERBING TO AREAS SHOWN ON PLAN, UNLESS NOTED OTHERWISE



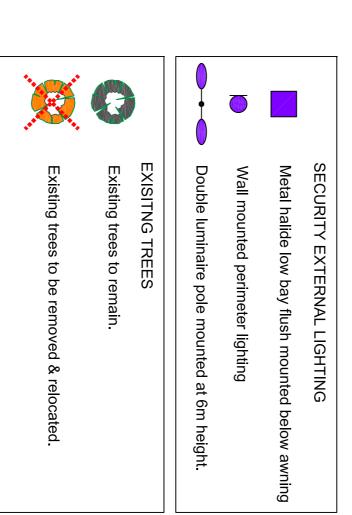
TYPICAL BOUNDARY SALE 1:100 FENCE ELEVATION



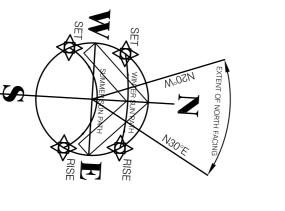
7<u>.</u>51

TYPICAL WASTE REFUSE SCREEN FENCE ELEVATION SALE 1:100

7.96



STREET TREES TO BE PROTECTED IN ACCORDANCE WITH CONDITION 6 OF PLANNING PERMIT.



LANDSCAPING
Landscaping to be in accordance with the Estate Design
Guidelines & to the requirements of local Council. Refer to
Landscape consultant's drawings and specifications for full
details.

3. Do not scale drawir

ng, figured dime

General Notes AREINFORCED CONCRETEHITECTURAL drawings to be read in conjunction with structural engineer's drawings and computations.

All levels relate to Australian datum. Refer to surveyor's drawings.

LIGHTING

External lighting must be designed, baffled and located so as to prevent any adverse effect on adjoining land to the satisfaction of the Responsible Authority.

DISABLED ACCESS

Building entrances are in accordance with the Australian Standar
1428-2001 - Design Rule for Access by the Disabled.

CAR PARKING

Disabled car parking spaces to be 4900mm long x 3800mm wide and be in accordance with A.S. 2890.1 (2004).

Car parking spaces to be 4900mm long x 2600mm wide and be in accordance with A.S. 2890.1 (2004).

All car parking bays to be line marked in 80mm wide white weatherproof paint in accordance with A.S. 2890.1 (2004).

8. All work shall be carried out in a tradesman like manner and comply with relevant codes and to the satisfaction of the relevant building surveyor.

7. Builder must comply with local Authorities municipal by-laws, Victorian Regulations and the Building Code of Australia.

9. Structural framing, fixing, bracing and supports to be in accordance with relevant Australian standards, codes and good Building Practice.

6. All Victorian workcare – occupational Health and Safety Division codes of practice are to be complied with.

Any variations must be approved by the client/ designer prior to proceeding

The owner shall be responsible for obtaining all relevant permits and approvals om relevant authorities, including inspections at appropriate stages of

VEHICLE CROSSINGS All new crossings shall be to the Statutory Authority. requirements of the relevant

LOADING BAYS All loading bays to be 7600mm k linemarked in accordance with A ong x 3600mm wide and .S. 2890.1 (2004).

1800 HIGH BLACK PVC COATED CWM FENCE

Architectural Drafting RAY BUGEJA

Phone:-03 9314 0445 Mobile:-0411 696 128 Email:-caddco@bigpond.com Postal Address:-P.O. Box 1051,Altona Meadows,

☐ PRELIMINARY BUILDING PERMIT Date ☐ TOWN PLANNING ☐ CONSTRUCTION

GENERAL NOTES

PROPOSED DEVELOPMENT AT:- 46 (lot 725) Ravenhall Way, **RAVENHALL**

Location of waste storage bins

WASTE STORAGE

REVISION NORTH POINT

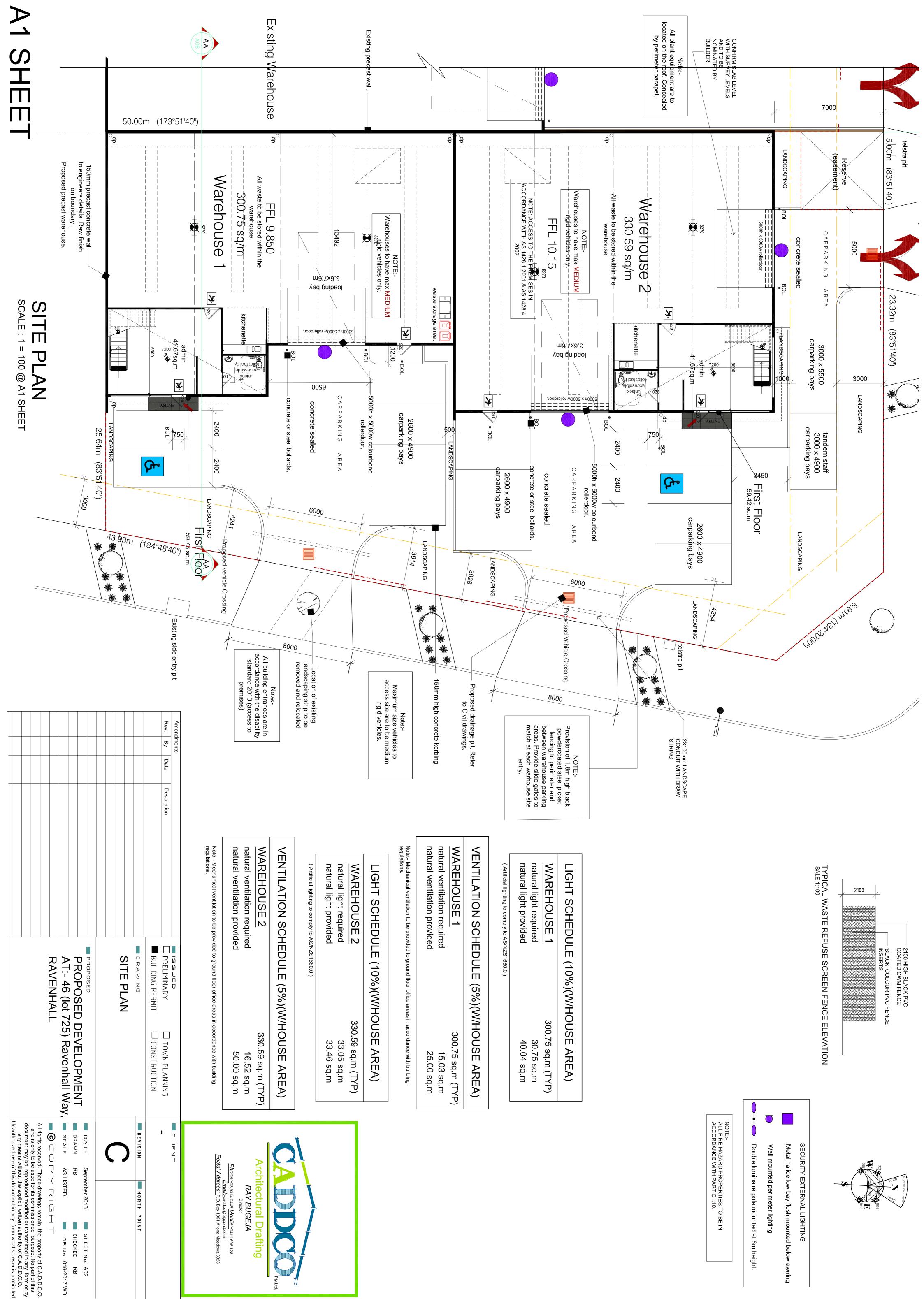
DRAWN DATE RB September 2018 CHECKED SHEET No. RB A01

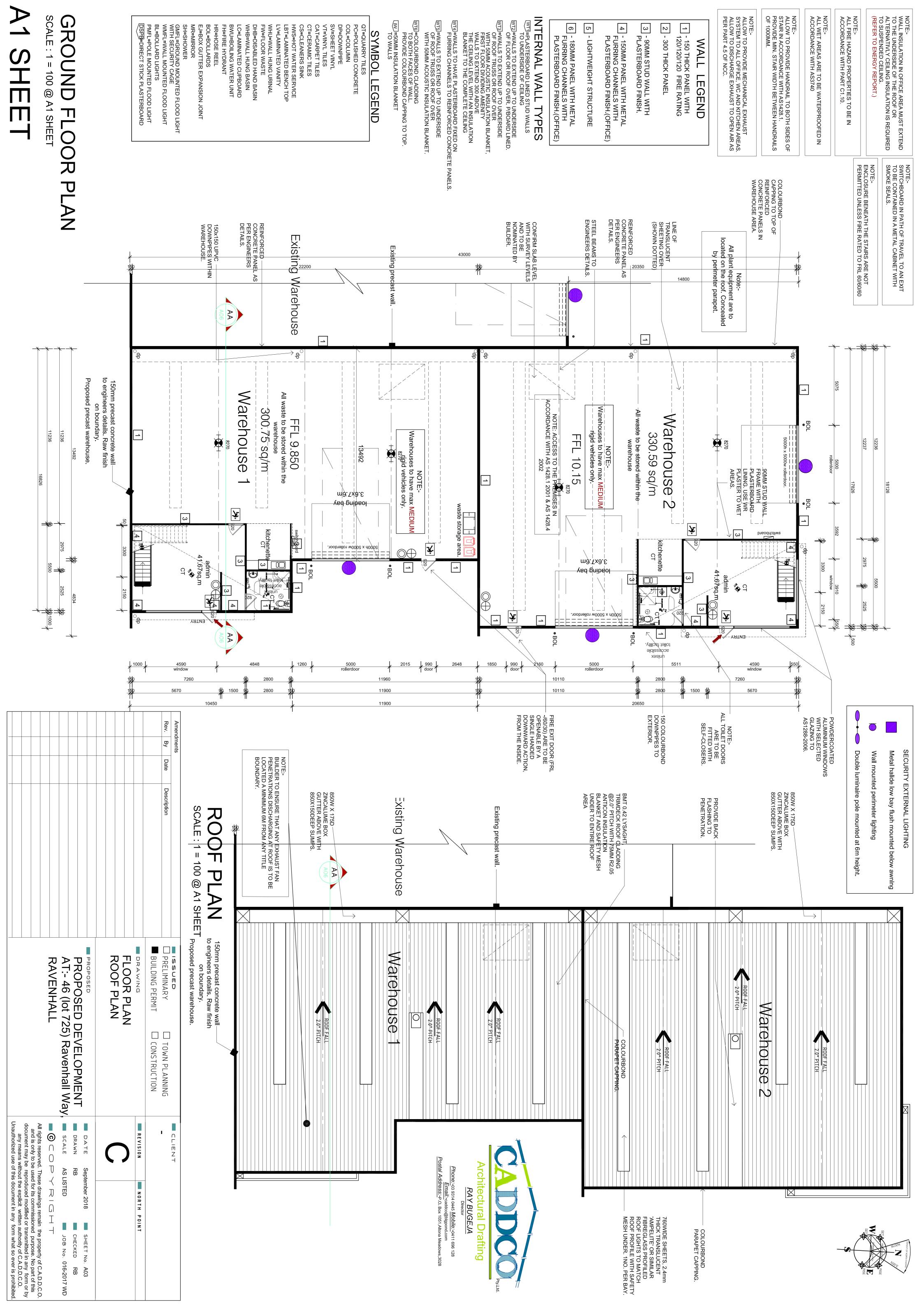
SCALE

AS LISTED

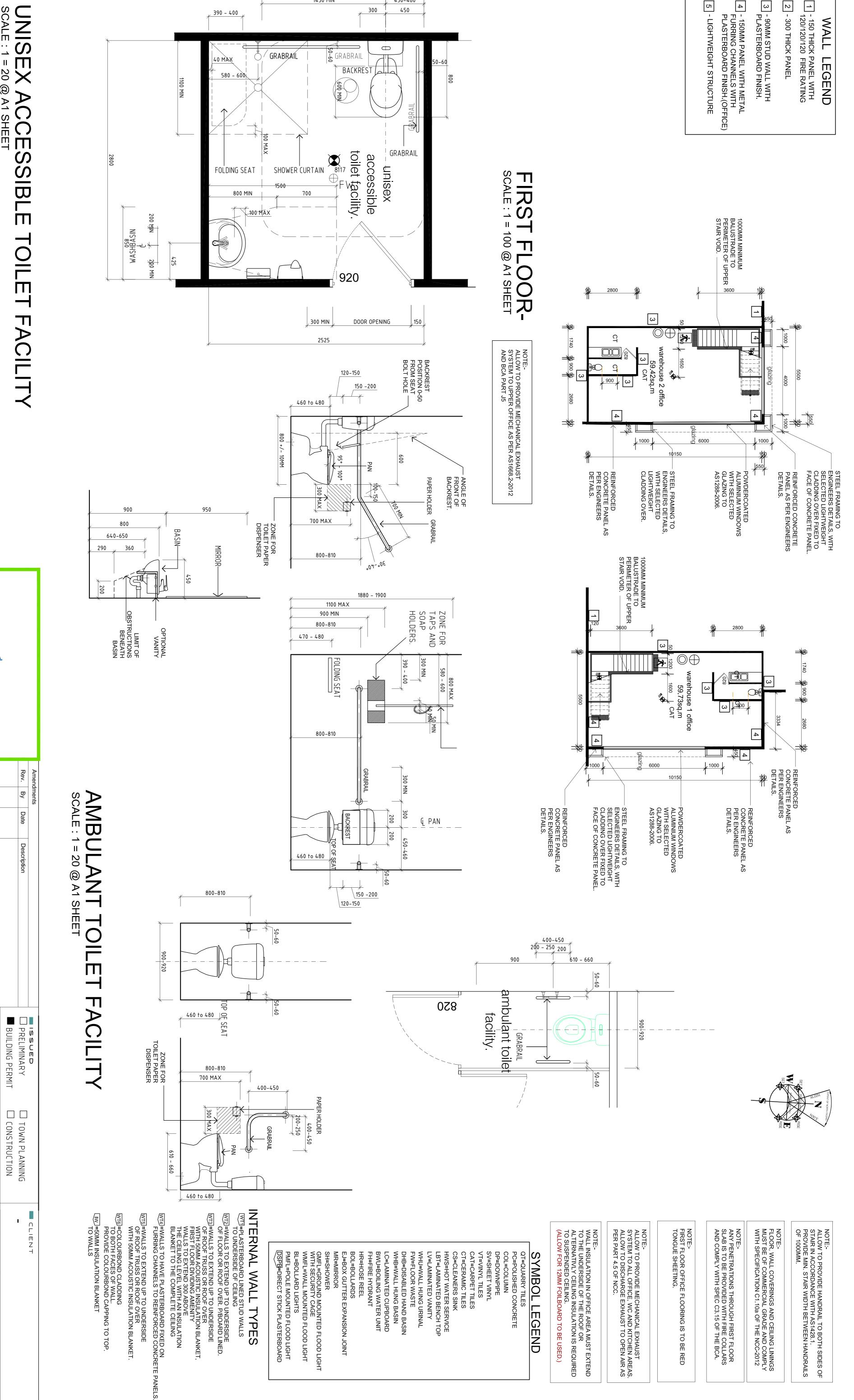
JOB No. 016-2017 WD

All rights reserved. These drawings remain the property of C.A.D.D.C.O. and is only to be used for its commissioned purpose. No part of this document may be reproduced modified or transmitted in any form or by any means without the explicit written authority of C.A.D.D.C.O. Unauthorized use of this document in any form what so ever is prohibited









1900 MIN

450-460

1450 MIN

EVERY SANITARY FACILITY MUST HAVE CLEAR AND LEGIBLE BRAILLE AND TACTILE SIGNAGE COMPLYING WITH SPECIFICATION D3.6 OF BCA AND AS1428.1. THE SIGNS NEED TO BE LOCATED ON THE LATCH SIDE OF THE TOILET DOORS (LEADING EDGE OF SIGN TO BE BETWEEN 50MM TO 300MM FROM THE ARCHITRAVE) AND THIS NEEDS TO BE LOCATED BETWEEN 1350MM AFFL.

Architectural

Drafting

Rev.

Ву

Date

Description

PERMIT

☐ TOWN PLANNING
☐ CONSTRUCTION

REVISION

NORTH

TOWN PLANNING

SECTION / FIRST FLOOR PLAN

PROPOSED DEVELOPMENT AT:- 46 (lot 725) Ravenhall Way

DRAWN

 \mathbb{R}

CHECKED

RB

JOB No. 016-2017 WD

DATE

2018

SHEET No.

SCALE

AS LISTED

RAVENHALL

6 0 7

All rights reserved. These drawings remain the property of C.A.D.D.C.O. and is only to be used for its commissioned purpose. No part of this document may be reproduced modified or transmitted in any form or by any means without the explicit written authority of C.A.D.D.C.O. Unauthorized use of this document in any form what so ever is prohibited.

PROPOSE

RAY BUGEJA
Director

UNISEX

ACCE

SSIBLE

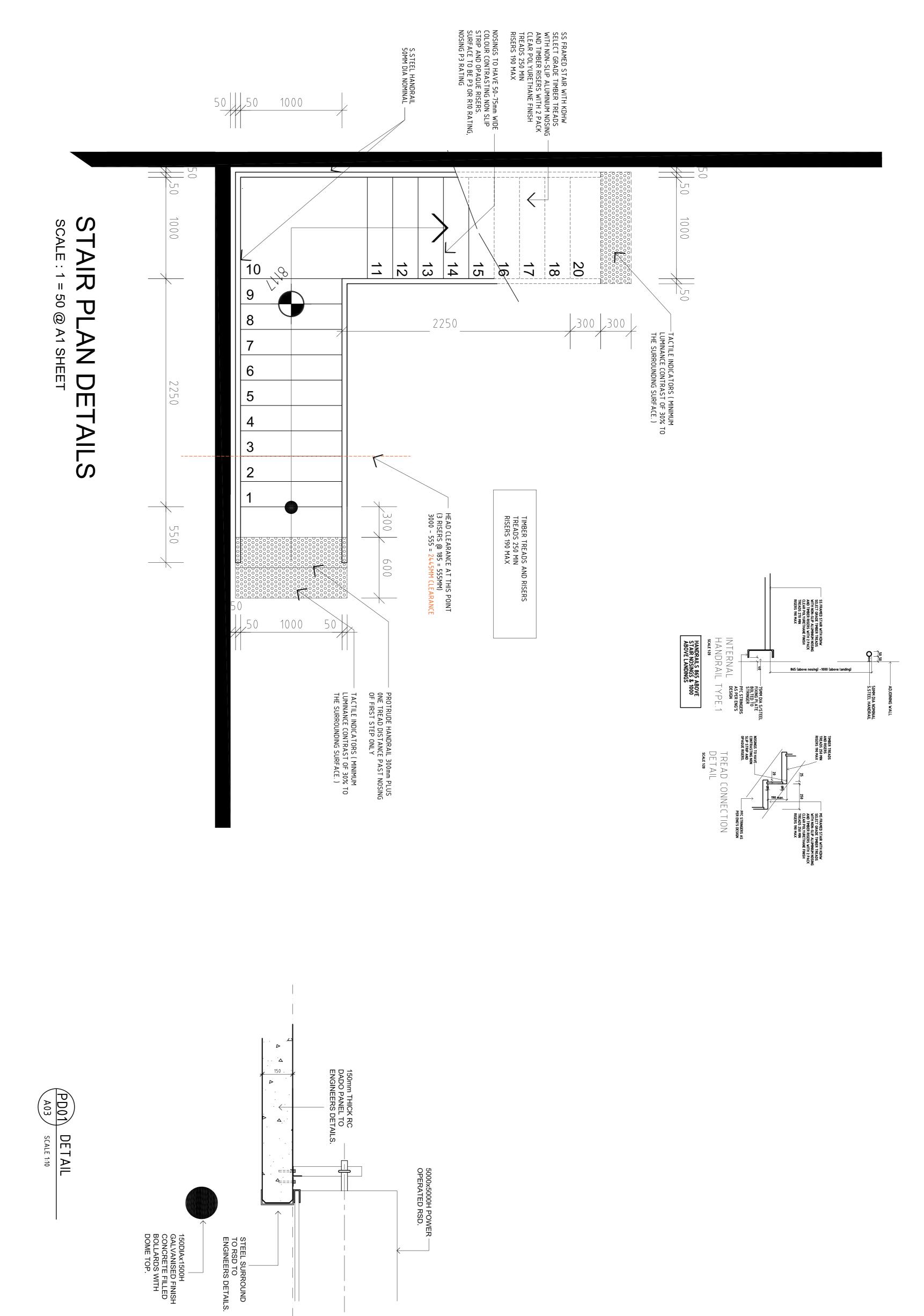
SCALE

20

(9)

<u>≯</u>

SHEET



NOTE:WALL INSULATION IN OFFICE AREA MUST EXTEND
TO THE UNDERSIDE OF THE ROOF OR
ALTERNATIVLY CEILING INSULATION IS REQUIRED
TO SUSPENDED CEILING.
(ALLOW FOR 12MM FOILBOARD TO BE USED.)

NOTE:-FIRST FLOOR OFFICE FLOORING IS TO BE RED TONGUE SHEETING.

NOTE:ALLOW TO PROVIDE MECHANICAL EXHAUST
SYSTEM TO ALL OFFICE, WC AND KITCHEN AREAS.
ALLOW TO DISCHARGE EXHAUST TO OPEN AIR AS
PER PART 4.5 OF NCC.

NOTE:-ANY PENETRATIONS THROUGH FIRST FLOOR SLAB IS TO BE PROVIDED WITH FIRE COLLARS AND COMPLY WITH SPEC C3.15 OF THE BCA. NOTE:ALLOW TO PROVIDE HANDRAIL TO BOTH SIDES OF STAIR IN ACCORDANCE WITH AS1428.1.
PROVIDE MIN. STAIR WIDTH BETWEEN HANDRAILS OF 1000MM.

NOTE:-FLOOR, WALL COVERINGS AND CEILING LININGS MUST BE OF COMMERCIAL GRADE AND COMPLY WITH SPECIFICATION C1.10a OF THE NCC-2012

